Flight

WEP-7

Mission

Introduce weapons pattern and OTR

Flight Brief

- **QOD**
  - NATOPS
  - EP
  - SOP
- **High angle-off-tail rendezvous**
- **Noncritical mission tasks**

Flight Brief

- **Introduce**
  - **High angle-off-tail rendezvous (minimum of 2)**
  - **Altitude sanctuary**
  - **30-degree bombs**
  - **20-degree pattern**

- **Practice**
  - **Division ground OPS**
  - **Formation communications**
  - **Interval takeoff**
  - **Division rendezvous**
  - **Division cruise**
  - **Shuffle division (if desired)**
  - **Division hung ordnance straight-in**
  - **Landings**

Notes

Note 1: WEP-07 should be scheduled as a four-plane with four bombs per aircraft.

Note 2: Flight leads must manage WEP-07 so students are able to acquire a minimum of 5 landings.

Note 4: Two off-target rendezvous are required prior to completion of WEP-10X.

Note 6: One hung ordnance approach is required prior to WEP-10X.

Note 7: Students must fly at least seven off-target rendezvous during weapons syllabus.

Note 10: A minimum of four bombs delivered is required to complete each flight.

Note 11: Delivery of ordnance is required to complete a weapons flight. The primary pattern intended to be introduced is indicated, for example, by "30-degree bomb," while the secondary patterns to be introduced but not required for delivery are indicated, for example by "30-degree pattern."

Note 12: Students must fly 30-degree, 20-degree, and 10-degree patterns prior to completion of WEP-10X. All bombs should be dropped from the highest pattern available.

Note 14: 30-degree bombs must be dropped on at least four flights. The highest pattern required shall be flown in order to meet individual curriculum requirements within the flight.

ORM

- **Operational Requirements / Limitations**
  - **Crew Rest / Crew Day / Work Week**
  - **R&I**
  - **IP Currency (SOP)**
  - **Warm Up Eligibility**
  - **Previous Flight Incomplete? Determine Graded Items.**
- **Human Factors**
  - **Life Stressors / External Factors / Personal Problems**
  - **Medical Status (Rest / Nourishment / Hydration)**
- **Hazards and Controls**
  - **Routine**
  - **Weather**
    - **Current Observations and Forecasts**
    - **Crosswinds**
    - **Fuel Considerations**
  - **Mission Specific**

TTO

- **Who will call a TTO?**
- **What situations will the TTO be called?**
  - **Safety**
  - **Confusion / Misunderstanding**
- **IP Responsibilities**
  - **Recognize need for TTO**
  - **Explanation / Instruction as necessary**
  - **Documentation on ATF**
- **When and how will training resume?**

ADMIN

- A/C - ATC C/S - Tactical C/S - Crew
- TIMES (Brief / Walk / Marshal / Takeoff / Land)
- ATC Clearance / IFF
- Area
- NUMBERS (Line / T/O / Abort / RPM)
- Comm Plan – Primary/ Tac
- Nav Plan
- LCLS
- Joker / Bingo

ADMIN

Launch

- Weather / NOTAMS / TFR / BASH
- Preflight / Start / Marshal / Taxi
- RadAlt Usage

Recovery

- Division hung ordnance straight-in

Emergencies/Contingencies

Ground Emergencies

WX / Timing no-go

Fallout plan / Aborts / Ground ejection

Single Radio / NORDO / ICS Failure

System Failures

Lame Duck / Rejoin plan

Lost Sight / Lost Interval

SIMO run

Tactical Abort criteria:

1. Break X
2. LAW
3. SIMO run
4. WARN/CAUT
5. +/- 15o off run in
6. +/- 5o dive angle
7. Called “abort”
8. Safety of flight

Disorientation

TGT fixation

Overstress / Low pullout

Control problems in dive

Ejection / Min ejection altitudes:

30° dive: 650 AGL
20° dive: 450 AGL
10° dive: 200 AGL

Loss of NAVAIDS

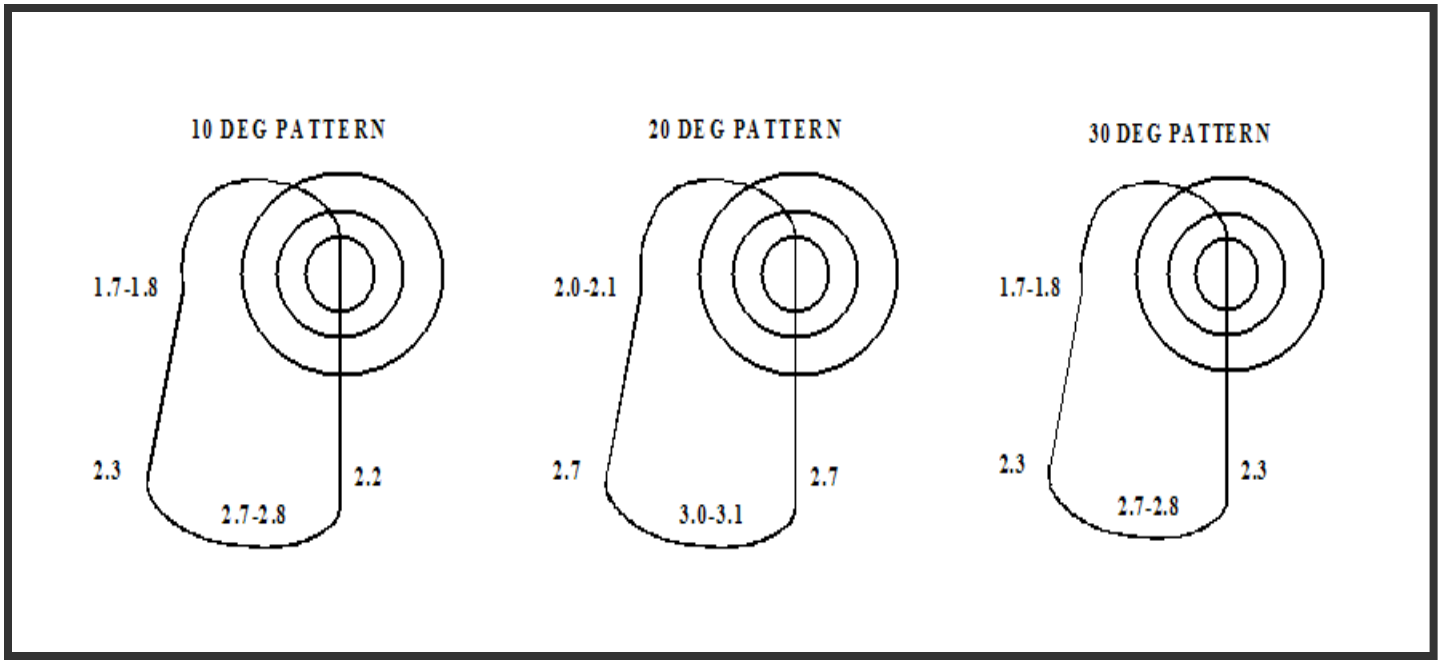
UNDERRUN

Birdstrike / Midair

Ejection

SAR procedures

ORM / TTO


10 DEG PATTERN
1.7-1.8
2.3
2.2
2.7-2.8
20 DEG PATTERN
2.0-2.1
2.7
2.7
3.0-3.1
30 DEG PATTERN
1.7-1.8
2.3
2.3
2.7-2.8